

Randolph County, IN Community Wind Project

A first for Indiana



July 21, 2010

A photograph of a wind farm. In the foreground, a large white wind turbine is partially visible on the left. In the background, two more wind turbines are visible on a green hill under a clear blue sky with some light clouds.

Agenda

- Performance Services Overview
- What is Community Wind
- Randolph County Wind Project Highlights

Performance Services

Company Overview



- #1 **Guaranteed Energy Savings** contract service provider in Indiana



- #1 Service provider for **ENERGY STAR®** certified schools in Indiana



- First **Design Build** school project in Indiana



- First **Wind Energy** school/city project in Indiana



- #1 **Best Places to Work** in Indiana 2009 employer recognition

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Community Wind Description

“Wind turbine installed on or near public/private facilities to benefit *local owners and community members* by reducing operating costs and/or creating a new revenue source.”

- Size of turbine: 1MW or less
- Number of turbines: 3 or less
- Energy can be sold or used onsite





Community Wind Criteria

- Significant and local wind resource
- Land availability near facilities or close to grid
- Large or consolidated facilities
- Ability to connect to local utility lines
- Utility company support and cooperation
- Local recognition of the need to change

Many Communities in Indiana Meet This Criteria

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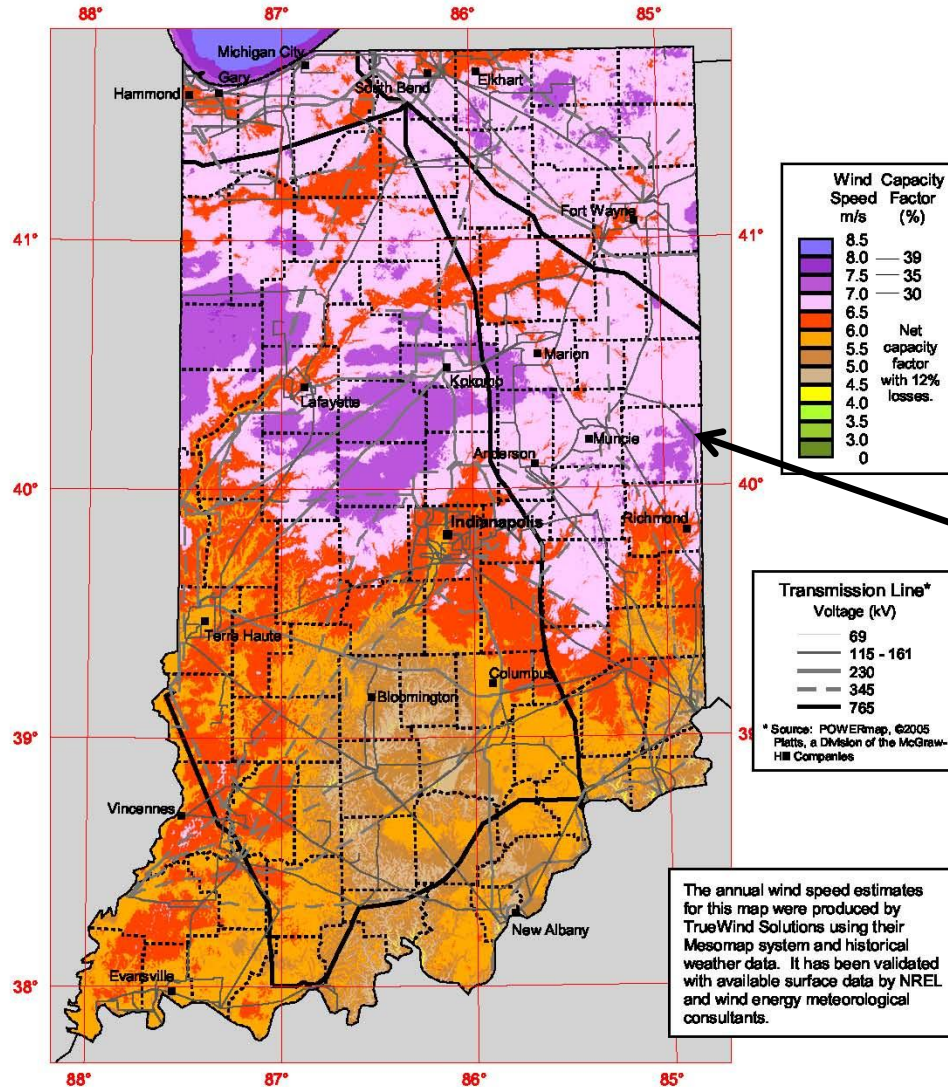


Groundbreaking at Union City, IN

Indiana's First Community Wind Project



Indiana - 70 m Wind Speed



Randolph Eastern & Union City project

U.S. Department of Energy
National Renewable Energy Laboratory



23-JAN-2006 1.1.13

Project Timeline



Item	Date
Initial project discussions on wind energy	March 2008
Wind feasibility study conducted	January 2009
Final cash flow models presented	March 2009
Contract award	April 2009
Site development (roads, foundation and elec.)	October 2009
Turbine assembly and erection	January 2010
Turbine testing and commissioning	February 2010
Turbine operational	July 2010

****Partnerships developed between Union City, Randolph Eastern Schools, Indiana-Michigan Power and Performance Services all played key roles in delivering a successful wind project****

Benefits to City and School

- Over \$3M net income generated over 25 yrs per turbine
- Cash flow positive from year one
- Hedges against future energy costs
- One of the few ways to put more money in the classrooms without raising taxes
- Positive recognition for partnering on innovative wind project throughout the state and country

Modeling Environmental Stewardship

Wind Curriculum Highlights



- Lesson plans integrated with Indiana academic standards
- Defined K-12 curriculum map
- Wind facility field trips
- PSI engineer engaged in data collection/analysis lesson plan development
- Web-based classroom interface of live wind data
- Validated with pilot testing and teacher focus group



In Summary.....



Project Success Driven by:

1. Union City and Randolph Eastern's partnership
 - ✓ Partnership saved City and School over 300k on project costs
2. Partnership with Performance Services
 - ✓ PSI leveraged tax incentives that public entities are not eligible for and lowered project cost by over 500k
3. City and School vision and perseverance to be renewable energy leaders
4. Randolph County support at all levels

In Summary.....



Primary Challenges:

1. Utility negotiations and interconnection options
2. Land availability to accommodate utility scale wind turbines
3. Going through the entire process for the first time!!
 - ✓ This project has paved the way for future renewable energy projects









Thank You

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